

IEEE HONORARY MEMBERSHIP RECIPIENTS

- 2024 - SUNG WOOK PARK (non-member)
Management Consultant, SK Hynix,
Seoul, Republic of Korea
"For contributions to expand the influence of technology and to improve the ecosystem of the global semiconductor industry."
- 2023 - DONNA STRICKLAND (non-member)—
Professor, University of Waterloo, Physics
Department, Waterloo, Ontario, Canada
"For contributions to the demonstration of chirped pulse amplification, a method to increase output power in ultrashort pulse solid-state lasers."
- 2022 - CALYAMPUDI RADHAKRISHNA (C.R.) RAO
(non-member)—Professor Emeritus, The
Pennsylvania State University, State
College, Pennsylvania, USA and Research
Professor, University at Buffalo, Buffalo,
New York, USA
"For contributions to fundamental statistical theories and their applications to engineering and science, particularly in signal processing and communications."
- 2021 - EDWARD C. STONE (nonmember)—David
Morrisroe Professor of Physics; Vice
Provost for Special Projects, Physics,
Mathematics, and Astronomy
Departments, California Institute of
Technology, Pasadena, California, USA
"For decades of exceptional scientific and engineering achievements that have profoundly impacted the world's progress in space exploration."
- 2020 – BORYS PATON
President, Academician of the National
Academy of Science of Ukraine, (NASU),
Director of Institute of E.O. Paton Electric
Welding of NASU, Kyiv, Ukraine
"For lifetime achievements within IEEE technical fields of interest in the development of processes of electrometallurgy, materials science, electric welding of metals, and biological tissues."
- 2019 – TELLE WHITNEY
President and CEO Emeritus, Anita Borg
Foundation, Palo Alto, California, USA
"For leadership in supporting and promoting women in technology, and for building a highly impactful global organization dedicated to this purpose."
- 2018 – MIHAL (MIKE) LAZARIDIS
Quantum Valley Investments, Waterlook,
Ontario, Canada
"For revolutionary contributions to wireless communication and visionary leadership in fostering the advancement of fundamental physics toward future innovation."
- AND
- ANTON ZEILINGER
President, Austrian Academy of Sciences,
Vienna, Austria
"For pioneering conceptual and experimental contributions to the

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development of quantum communications and encryption.”

2017 - JAMES DYSON
CEO, Dyson Company, Wiltshire,
United Kingdom

“For achievements in industrial design, entrepreneurship, and manufacturing technology, and for services to the engineering profession.”

2016 – SERGE HAROCHE
Professor, Collège de France, Paris,
France

“For the development of cavity quantum electrodynamics, leading to fundamental quantum physics studies and to a wide range of applications.”

AND

RODOLFO STEFANO ZICH
President, Torino Wireless
Foundation, Torino, Italy

“For leadership in the global integration of electrical and electronics engineering education and research.”

2015 - ELON MUSK
CEO, Chairman, Co-Founder, Tesla
Motors, Palo Alto, California, USA

“For leadership in and innovative contributions to space-exploration technology, combatting global warming and promoting science education, pediatric health, and clean energy.”

2014 — SHIRLEY M. TILGHMAN
President Emerita and Professor of
Molecular Biology, Princeton University,
Princeton, New Jersey, USA

“For leadership in bridging quantitative biology and engineering and for advancing higher education.”

2013 — NOT AWARDED

2012 — YOSHIO UTSUMI
President, Japan Telecommunications
Engineering and Consulting Service (JTEC) and
Advisor, Toyota InfoTechnology Center
Co., Ltd., Tokyo, Japan

“For leadership in policy and initiatives leading to the growth of information and communication technologies.”

2011 — AVUL PAKIR JAINULABDEEN ABDUL
KALAM - Former (2002-07) President of
the Republic of India, New Delhi, India

“For outstanding contributions toward transforming society through technology and for inspiring millions of school children to harness science and technology for human welfare and national development.”

AND

WANG JIANZHOU - Chairman, China

AND

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Mobile Limited, Beijing, China

"For greatly enhancing the quality of life of large populations in rural areas through visionary leadership in the deployment of affordable mobile telecommunications."

2010 — N. R. NARAYANA MURTHY
Chairman and Chief Mentor, Infosys
Technologies, Ltd., Bangalore, India

"For founding and leading the extraordinary growth of Infosys Ltd., notable for its ethical stance, and for supporting empowerment of members of disadvantaged rural communities."

2009 — GERALD POSAKONY
Scientist, Pacific Northwest National
Laboratory, Richland, WA, USA

"For pioneering contributions in ultrasonic techniques for medical diagnosis and nondestructive evaluation."

2008 — JONG YONG YUN
Vice Chairman and CEO, Samsung
Electronics, Co., Ltd., Seoul, Korea

"For exceptional achievements in pioneering technology-driven innovation within the electronics industry, advancing engineering education, and encouraging a multidisciplinary engineering community."

2007 — IAN C. MCRAE
Eskom (RETIRED)
Germiston, South Africa

"For contributions to electrification and development of the electrical grid in Southern Africa."

AND

AND

TSUTAE SHINODA
Fellow, Fujitsu Laboratories Ltd., Akashi,
Japan

"For outstanding innovative and pioneering contributions to commercializing large area color plasma displays."

2006 — VLADIMIR ROKHLIN
Professor of Computer Science and
Mathematics, Yale University,
New Haven, CT, USA

"For the development of the Fast Multipole Method."

2005 — DEAN KAMEN
President, DEKA R&D Corporation,
Chairman Segway LLC, Founder FIRST,
Manchester, NH, USA

"For innovating numerous medical devices, thereby improving the quality of life for many, and for inspiring youth to heightened interest in engineering through imaginative competitions."

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2004 — NOT AWARDED

2003 — JORMA OLLILA
Chairman & CEO
Nokia Corporation
Finland

"For contributions to launching mobile communications, a major global industry that has fundamentally changed the way people communicate."

AND

AND

TADASHI SASAKI
President & CEO
Internat'l Center for Materials
Research
Japan

"For leadership of the commercialization of Liquid Crystal Displays and development of the pocket calculator."

2002 — JAMES C. MORGAN
Applied Materials, Inc.
Santa Clara, CA, USA

"For his contributions of 25 years to the semiconductor industry and vision in building Applied Materials into a technology pioneer enabling the global information infrastructure."

2001 — CHARLES M. GESCHKE
Co-Chairman, Adobe Systems
San Jose, CA, USA

"For many years of inspiring visionary leadership in the software industry related to digital publishing for the World Wide Web, print and dynamic media."

2000 — NORIO OHGA
Sony Corporation
Tokyo, Japan

"For visionary leadership in the development of the MiniDisc."

1999 — NOT AWARDED

1998 — SHEILA E. WIDNALL
Secretary
United States Air Force
Washington, DC, USA

"For outstanding leadership to United States Air Force science and technology"

1998 — PAVAGUDA VENKATA INDIRESAN
President, Indian National Academy of
Engineering
New Delhi, India

"For contributions to the growth of electrical engineering in India through his leadership in education, applied research and professional engineering institutions"

1997 — PEKKA J. TARJANNE
Secretary-General
International Telecommnucation

"For outstanding leadership and contributions to the implementation of new working methods and

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- Union
Geneva, Switzerland
- 1996 — HIROYUKI MIZUNO
Matsushita Electric Industrial Company
Osaka, JAPAN
- 1996 — LEON M. LEDERMAN
Director Emeritus
Fermilab
Batavia, IL, USA
- 1995 — LARS H. RAMQVIST
LM Ericsson
Stockholm, Sweden
- 1994 — RALPH E. GOMORY
(retired - IBM, NY)
Alfred P. Sloan Foundation
New York, NY, USA
- 1994 — MICHEL A. G. CARPENTIER
Information Market and
Exploitation Research
Commission of European Communities
Brussels, Belgium
- 1993 — ROBERT W. GALVIN
Motorola, Inc.
Schaumburg, IL, USA
- 1992 — MARK KRIVOCHEEV
State Radio Res. Inst.
Moscow, Russian Federation
- 1991 — AKIO MORITA
SONY Corp.
Tokyo, Japan
- structures for the International
Telecommunications Union."
- "For technical leadership in
semiconductor research,
manufacturing and its application in
consumer electronics and for
promoting international technical
cooperation."
- "For his leadership in research and
science education and his advocacy
of the importance of science
education to the intellectual and
economic health of society."
- "For distinguished and far-sighted
leadership of the Ericsson Group in a
period of rapid technology change
and market development."
- "For his outstanding leadership of the
research activities of IBM, and the
resulting technological benefits to
IBM and the computer and
semiconductor industries."
- "For leadership in pioneering the
R&D and policy initiatives at the
European Community level in the
areas of environment and
information and communication
technologies."
- "For distinguished leadership of
Motorola, Inc., and for his many
beneficial contributions to quality
processes, competitiveness, and
public policy."
- "For technical contributions to
television and leadership in
developing international
standardization."
- "For his distinguished leadership of
Sony Corporation and the integration
of emerging technologies into
consumer electronics products."

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1990 — NOT AWARDED

1989 — NOT AWARDED

1988 — LUIS W. ALVAREZ
University of California
Berkeley, CA, USA

"For the invention and development of the first successful aircraft landing system using ground control radar and the first proton linear accelerator; for numerous discoveries in the field of particle and resonance physics; and for pioneering work on the extraterrestrial impact theory."

1987 — GENE H. GOLUB
Stanford University
Stanford, CA, USA

"For improvements in signal processing, modeling, control, and other areas through numerical methods for least-squares estimation and matrix singular value decomposition."

1987 — ARNO A. PENZIAS
AT&T Bell Labs.
Murray Hill, NJ, USA

"For leadership in the research activities of AT&T Bell Laboratories, and for outstanding contributions to radio communications and radio astronomy."

1986 — ARTHUR E. BRYSON, JR.
Stanford University
Stanford, CA, USA

"For contributions to education and for research in the theory and implementation of optimal control techniques."

1985 — HIDEO YAMASHITA
University of Tokyo
Tokyo, Japan

"For contributions to research in computers, for fostering international cooperation in the science and technology of information processing, and for leadership in electrical engineering education."

1984 — M. G. K. MENON
Government of India
New Delhi, India

"For contributions to the planning and growth of science and technology, particularly electronics, and its application to development; promotion of international scientific cooperation; and experimental research in particle physics and cosmic rays."

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- 1983 - CECIL H. GREEN
Texas Instruments
Dallas, TX, USA
"For creative philanthropy fostering collaboration of educational institutions and industry in the advancement of electrical sciences."
- 1982 — WOLFGANG K. H. PANOFSKY
Stanford Linear Accel. Ctr.
Stanford, CA, USA
"For extensive pioneering contributions to the development of linear particle accelerators, advancement of high power microwave technology, and high energy particle physics."
- 1982 — DONALD E. KNUTH
Stanford University
Stanford, CA, USA
"For his contributions to the field of computer science, through research and education."
- 1982 — BRIAN D. JOSEPHSON
Univ. of Cambridge
Cambridge, England
"For his prediction (discovery) of pair tunneling between superconductors which constitutes the basis of a Josephson junction technology for high speed and low power computing elements and memories."
- 1981 — WALTER H. BRATTAIN
Bell Laboratories
Murray Hill, NJ, USA
"For significant contributions to fundamental semiconductor physics leading to the invention of the TRANSISTOR."
- 1981 — JOHN BARDEEN
University of Illinois
Urbana, IL, USA
"For significant contributions to solid state physics leading to the invention of the TRANSISTOR and to the theoretical understanding of superconductivity."
- 1981 — EDWIN H. LAND
Polaroid Corporation
Cambridge, MA, USA
"For his pioneering work in science and technology of photography and light."